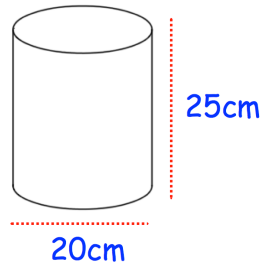


3rd November

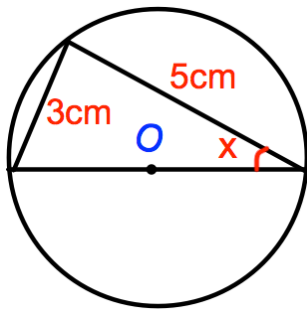
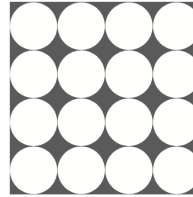
Corbettmaths

Calculate the volume of the cylinder.



16 cylinders are placed in a box of height 30cm as shown.

Calculate the percentage of the box that is not filled by the cylinders.



Find x

Factorise

$$2x^2 - 7x - 15$$

Mrs Jenkins is making decorations for a wedding.
She needs $18\sqrt{5}$ metres of ribbon in total.
Mrs Jenkins has 40 metres of ribbon.
Does she have enough ribbon?

